PROFILE NORMALIZATION
IN AN AUTONOMIC SOFTWARE SYSTEM

ABSTRACT OF THE DISCLOSURE

There is provided an autonomic software system and method for normalizing a profile collected for an executing application to account for one or more actions applied to the executing application after the profile was collected, comprising: predicting an impact of applying the one or more actions to the executing application by utilizing the profile and the one or more actions; and adjusting the profile to form a normalized profile according to the predicted impact. A plurality of different a profile consumers, such as, a phase shift detector, an action evaluator as well as a normalizing controller, may utilize the normalized profile to improve the behavior of the executing application. In addition, online visualization tools may be implemented to graphically depict the normalized profiles, as well as differences between the collected profiles and the normalized profiles.